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## MINING NEWS

ERNESTINE MINE  
MAKES A RECORD

Production This Year Is Best in the History of the Mine.

Mogollon, N. M., Dec. 14.—At the Ernestine mine, 746 tons of ore were milled during the week, producing 67 sacks of high grade concentrate in addition to the mine box precipitates. The last 10 day cleanup in November yielded 3,500 Troy ounces of gold and silver bullion and 840 pounds of concentrate. December promises to be a good month and the year 1912 will record the largest production in the history of the mine.

The Mogollon Gold and Copper company electric hoist recently installed at the Little Charlie mine, is giving satisfaction and this property is producing about 40 tons per day. Annual assessments are being conducted on the various claims adjacent to Mineral creek.

The Oakes company shipments to the custom mills are being made regularly from the various developments. The Deadwood mines development in the lower levels continues to open up a higher grade average ore than was mined from the lower levels. Work on the top level of the Trilby group continues in ore both east and west.

The Apache group drift is being driven north from the croquet tunnel.

## MINING NEWS

ONLY YAQUIS CAUSE  
TROUBLE IN SONORA

Charles Biesel Says Work at Creston Colorado Mine is Going Ahead Without Interruption.

Guaymas, Son., Mex., Dec. 14.—Chas. Biesel, of El Paso, spent a day here, leaving for La Dura. Mr. Biesel is general manager for the Mines Company of America, who own the Dolores mines at Madera, Chihuahua; the El Rato mines, at Santa Barbara, Chihuahua; the Creston Colorado mines at Torreon, Sonora, and the La Dura mines at La Dura, Sonora.

Mr. Biesel states that he considers the revolutionary trouble completely at an end in Sonora, and that work at the Creston Colorado is now going right ahead. Several veins have recently been opened up and pay ore taken out. At the Creston Colorado, the Yaqui Indians have been frightening the wood choppers a good deal of late, although none of the choppers have been actually molested. The Mexican government has promised military protection to the various wood camps, and if this protection is forthcoming at once, the wood choppers will not abandon the camps, but at the present time the men are at high tension on account of the various bands of Indians which they have seen near them.

Mr. Biesel says in Chihuahua there is still considerable revolutionary activity, which is causing a great deal of annoyance as well as expense.

The cyanide plant at the Creston Colorado is now treating 350 tons a day, the bottom being shipped to the states.

250 rolls guaranteed roofing, slightly damaged, at half price. Lander Lumber Co.

## MINING NEWS

ARIZONA COPPER  
\$2500 PER CAPITA

John R. Hampton Says Production This Year Will Be 350,000,000 Pounds.

Phoenix, Ariz., Dec. 14.—That Arizona's copper production for 1912 will total 350,000,000 pounds, is the prediction of John R. Hampton, of Clifton, one of the presidential electors from this state. Hampton follows the trend of the mining industry as closely as any man in the state. His estimate is based on figures and reports.

"The copper production of Arizona for 1911, in round figures, 350,000,000 pounds," said Mr. Hampton. "This year's total is certain to be much greater. The important mines that were producing in 1911 are still in the producing column and most of them have increased their rate of production. Many mines that were idle last year are now shipping ore."

Clifton-Morenci district, the production will be between four and five million pounds greater than it was in 1911. The Globe-Miami district production will be increased by several million pounds. In the Globe-Miami district the increase is important.

"Until one sits down and figures out just what this means he does not realize what a rich state Arizona is. I estimate that the population of Arizona, including Indians, was 200,000 last year. Figuring copper at 17 cents, the value of the 1912 production was over \$250 per capita. If we exclude the Indians, the value was nearly \$300 per capita."

"This year there has been a slight increase in population, of course, but the increase in copper production will be in greater ratio. Arizona was far ahead of all other states in copper production last year and in 1912 it is sure to increase the lead materially."

WHITE BUYS RUPERT  
MINES IN PATAGONIA

Starts Two Shifts at Work; Rich Strike Is Made on the Alto Lense

Patagonia, Ariz., Dec. 14.—Henry White, original locator and first developer of the great and famous White mine, has bought the Rupert mine, a small copper claim in the White mine district, from R. L. Richardson, of Patagonia. Mr. White is a practical miner who has made several fortunes in mines.

He has purchased a blast blower and large quantity of tools and supplies, and is now working a double compartment shaft and will increase the force.

Work has been started on the Black Cap mine of the Mansfield Consolidated company, a copper claim in the White mine district, which was closed three years ago. It is the intention of general manager George W. F. Cody and party of friends to sink a shaft to the bottom of the cap to 500 feet and then crosscut. Good showings of copper and silver ore have been found on the claim.

Joe Muhlen and Chas. Jones, of Bisbee, were visitors to the Patagonia district this week and went to the White mine at Rosemont, where they let a contract to the Macfarland to do their annual assessment work and to start shipments of ore from their mine. The claim is owned by the White mine, and will develop it on a large scale.

Chris Leped and a force of men are at work on the Silver Pick group of claims, which is owned by the White mine. He intends to sink a shaft 100 or more feet and crosscut.

The Johnville Mining company, which owns 12 claims in miles southwest of here in the Gold Gulch district, has a force of men employed sinking a shaft. The Duganese Mining company, which owns 11 claims adjoining the Johnville, has completed arrangements to resume operations.

Jack McKinnon and a force of men are developing his group of 16 claims adjoining the Calumet & Arizona's and Douglas' claims. The group is known as the Bell Springs group.

The Sleeping Beauty Copper company, which owns a group of 26 claims, located 10 miles northwest of Globe, being developed by Messrs. Dunham and Johnson, who hold a lease on the property. They are sinking an incline shaft 150 feet in the foot of the Sleeping Beauty mountain. Considerable work has been done on the property in the last few months, showing in gold, silver and copper.

John Crank, Carper and a force of men are working on the new shaft of the Douglas Copper company, which will be sunk at least 300 feet and crosscut. Next month an additional force will be put on and a tunnel driven and early in the year shaft drilling will be commenced.

## MINING NEWS

PLACER MINING  
TO BE RESUMED

San Domingo Field Is to Be Worked by Hydraulic Method.

Wickenburg, Ariz., Dec. 14.—Placer mining on an extensive scale will soon be under way in the San Domingo wash, across the Hassayampa river from Wickenburg. Five hundred acres, belonging to J. C. Reed, Dr. J. W. Fox and C. A. Willis, of Phoenix, and A. J. Kellie, of Wickenburg, will be worked by sluicing and hydraulic mining.

Water for the operations will be secured from the pipe line being laid to the Monarch mine, eight miles east of Wickenburg. This pipe line passes right over the placer ground.

Superintendent D. C. Akin, of the Monarch, and one of the Monarch company's directors, are financing the venture. Mr. Akin has made tests of the placer claims. He found one nugget worth \$1.30 and one cubic yard of earth that he sampled ran \$45 in gold.

Mr. Akin communicated the result of his tests to one of his associates, who lives in Macon, Georgia. Soon after that a definite proposition was put up to the owners of the ground. They accepted and arrangements were then made to secure the water from the Monarch pipe line at a point 1200 feet from the pumping station in the bottom of the Hassayampa river.

Years ago the San Domingo field was worked extensively by placer miners. A large camp of the usual frontier type was established there. There were saloons, stores, barber shops and even a movie house. The water from the river was removed till it became impossible to make water at panama. To sluice water was required, and there was no source of supply except the Hassayampa. No one would ever appear on the scene. Gradually the population of the town moved away and the claims were given up.

The gold is all sharp and it is evident that it has not been carried far. No one has ever succeeded in locating the ledges from which it came, though the placer is rich in depth at least.

Much platinum has been found all over the district in recent years. Prior to that it was almost thrown away with the particles of iron, which it much resembles.

GUGGENHEIMS BUY  
THE BLACK DIAMOND

Reports Say They Will Develop Claims in Superior District on Extensive Scale

Miami, Ariz., Dec. 14.—The Guggenheims, it is stated, have bought the Black Diamond group in the Superior district, adjoining what is famous Silver King mine, and will develop it on a large scale.

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has been sinking a well in the field here under the name of the Tryab Petroleum company, has capped its well and the men who were in charge of the operations, have gone back to Oklahoma City to confer with the officers of the company before continuing operations. The Oklahoma well is located near the Texas company's well and had reached a depth estimated at from 2500 to 3000 feet. Much secrecy has been maintained concerning this well and it is said that a good flow of oil was struck there.

## PERSONAL MENTION OF

SOUTHWESTERN MINING MEN

Prof. J. C. Carrera has returned from a trip to the San Andres and Caballero mountains and the Pinaro mountains, New Mexico, in which he is interested in copper, silver-lead and iron deposits. The iron mine in the Pinaro mountain is called the Turquoise and is said to be of high grade iron ore.

Price McKinney and James W. Corrigan, of Corrigan, McKinney & Co., owners of the Monarch gold mine, have been on an inspection trip to those properties. McKinney has returned to Cleveland, O., and Corrigan remained at the Monarch mine.

Harry Ebert, formerly master mechanic of the Dolores mines in western Chihuahua, has returned from the Concho mines, where he is master mechanic of the milling plant. At present the mill is not in operation, but the cyanide plant is running through the big dumps of tailings.

James W. O'Connor, millwright and mining man, an old time resident of El Paso, has been in Reno, Nev., attending to the estate of his brother, late mayor of Reno.

W. H. Paul, former superintendent of the Goldfield mine, is now located in Denver, Colo. Dr. Oliver B. Dawson, metallurgist and inventor of a new smelting process of converting oxides, sulphides and carbonates of copper to the metallic state for concentrating purposes, has gone to Los Angeles on business.

Levi S. Davis, mining engineer, operating the Grubbs mine in Oro Blanco district, Arizona, is at the Zeiger hotel.

Charles Zeiger is operating a gold mine in Yavapai county, Arizona, and in Silver Lake, N. M.

James Magorin and L. N. Hall are operating a group of copper mines in the south of Victorio station on the El Paso & Southwestern railroad, 100 miles from the mouth of the Colorado.

H. C. Clifford, former general manager of the Peabody mines in Johnson, Okla., is sinking a 400 foot shaft on the Success mine in Victorio mining camp on the Southwestern railroad.

William Dally, former manager of the Palmilla silver mine, west of Villa Ahumada, Chihuahua, is engaged in business in El Paso.

Thomas R. Owen, of Sierra Blanca, Tex., is developing a newly discovered silver mine, two miles southwest of Hachita, Tex.

John I. Dowling, manager of the Granite Gap mine, in the Pinaloche mountains, south of Steins, N. M., is arranging to renew operations on the property.

A. H. Parker, mining and civil engineer, is operating the Priolo mine, a silver-lead mine, in the form of a placer proposition. In which he mines the material from the surface and concentrates it by the pneumatic process to concentrate the ore in the form of reform nuggets. He has about 10 tons sacked and ready to ship, his nearest railroad station being Tornillo, on the G. H. & S. A. railroad.

Albert J. Fitch, mining engineer of Hachita, N. M., is at Hotel Zeiger, is looking after a shipment of ore from the Nutshell mine, a copper-silver property in Fremont district, near the "Jog" in the international boundary line, southeast of Hachita, owned and operated by him and Buck Davidson.

R. O. Fife, mining engineer, has returned from Salt Lake City, Utah.

David Crook, a mining engineer, recently connected with the Beech mine near Steins, N. M., has returned from Canaan and the Patagonia districts.

William Crook, Jr., superintendent of the Lulu B. mine near Sierra Blanca, Tex., is in the city.

Dr. Wm. E. Phillips, mining geologist of Austin, is operating a silver-lead mine near Alpine, Tex.

## MINING NEWS

BONANZA MINE IN QUITMAN  
MOUNTAINS SHIPS ZINC ORES

Preparations Made to Resume Work in Old Burro Mine; Mine Rediscovered

The Bonanza mine, in the Quitman mountains, two miles from Laramie and Etholene ridges, on the G. H. & S. A. railway, 80 miles east of El Paso, is steadily shipping carloads of sphalerite or zinc sulphide ore running from 40 to 44 percent zinc, to the zinc smelters of Kansas and Oklahoma.

The Southwestern Mines company, numbering six millionaires among its stockholders, has acquired the old Burro mine, near Etholene, west of Sierra Blanca, from the Texas & Pacific Railway company, and is clearing out the old workings preparatory to installing a hoisting plant. It is a rich gold proposition and was formerly worked by Owen, Nichol & Briggs.

Discover Old Mine.

William Crosby and son, of El Paso, who have for several years been doing extensive work on their Lulu B. and other properties in the Quitman mountains, two miles from Etholene station, have recently discovered old Spanish workings, in which are rich silver ore, carrying also gold and silver values. These workings were uncovered by a wash caused by a heavy rain. The workings are very extensive and apparently over a century old.

Work is steadily progressing on the copper property in the Franklin mountains, 15 miles north of El Paso. Judge J. R. Harper, A. P. Cole and brothers and Louis W. Smith, of El Paso, are the owners. The shaft is already down 40 feet and shows copper oxides, carbonates and sulphides, increasing in quantity and richness as depth is gained. As soon as sufficient depth is attained a hoisting plant will be installed. It is only five miles west of Huaco, a station on the Southwestern railroad.

Hachita-Silver Lake District.

There is much activity in the Hachita-Silver Lake district of New Mexico. Bud Davidson and Albert Fitch have shipped a car of ore from their mine close to the "Jog" on the international boundary line, seven miles south of Victorio, N. M. The shipments are of copper-silver ore, which netted them over \$200.

Robert Anderson is shipping a carload of ore a day from the Anashe Anderson mine, six miles south of Hachita, N. M. The shipments are made to the El Paso smelter.

The Sunset Copper company is working 25 men at the old Burro or Hachita mining camp, seven miles west of Hachita, N. M., and T. J. Brown is working the Bessemer mine with six men.

Predmore & Nelhart are working the Gold Hill property in the Silver Lake district, and making occasional shipments of high grade gold quartz ore.

Cook's Peak Camp.

A large number of ore wagons are hauling ore from the Pos group of mines along a road body of ore has been struck. There is a boom in the camp.

Burro Mountain District.

The mines and concentrator eight miles north of Silver City, N. M., have been producing since the enlargement of the mill on August 7, approximately 1,000,000 pounds of zinc concentrates a month, and are now concentrating for shipment to Bartlettville, Okla., and 1,000,000 pounds of iron-copper concentrates for treatment in the El Paso smelter, by reason of the proposed addition of an air-dry plant and static electric separator. The present mill has a capacity of 125 tons every 24 hours and gives employment to 40 men. The proposed improvements and increase will make it one of the best in the southwest. George Uffer is general manager and G. F. Uffer superintendent.

The earnings of the Chino Copper company's mines and mill during the past three months amounted to \$1,051,838.52, as compared with \$290,125.82 for the second quarter, and \$223,021.25 for the first quarter. The last quar-

## MINING NEWS

BONANZA MINE IN QUITMAN  
MOUNTAINS SHIPS ZINC ORES

terly production was 17,002,587 pounds of copper. The average extraction during the same quarter was 65.15 percent, or 23.29 pounds of copper per ton of ore milled in the big Hurley concentrating mill.

The fifth section of the mill has been completed and has a capacity of treating 7000 tons of ore daily. Some drilling has been done in the southwestern section of the mining properties for the purpose of determining where the caping, or over-burden could safely be deposited after removal from over ore bodies. This drilling has demonstrated substantial extensions of ore bodies in the so-called Streils section. The increase of the scope of operations has decreased the cost correspondingly.

Mogollon District.

The installation of 19 new stamps in the Ernestine mine is nearly completed. This will give the new mill a 40-stamp battery capable of crushing 45,000 tons of ore per month.

The winns and raise between the upper and lower tunnels of the Oakes mine are completed, affording excellent ventilation in all the mine workings. The lower tunnel is being pushed with two shifts of miners to the end line and the connection made with the south shaft to be completed in five months. Three hundred tons of ore were sent to the Deadwood mill from November developments.

The Deadwood mill is running through about 50 tons of ore a day. High values are coming from the third level winns, some of the ore averaging \$1000 per ton.

The Socorro mines treated 5000 tons of ore last month. In the Little Charlie mine 1000 tons of ore per month is being shipped by the Mogollon Gold and Copper company. The mine has been opened on the Olympia claim.

News of Arizona Mines.

Col. Wm. F. Cody, alias Buffalo Bill, is visiting his mines in Campo Grande, in Apache camp, Silver Bell district, Arizona, in which there are thousands of tons of tungsten ore that can be quarried out from the surface.

The mines are in the vicinity of Tucson on the property are gigantic ledges outcropping of what is apparently country rock. A tramp assayer happened along and tested some of the rock and found it to be scheelite or tungsten. Some of the ledge runs as high as 60 percent and is worth \$350 per ton.

Sells-Leavitt Mine.

The Leadville Mining company has sold its mines, in Cortland, Ariz., to Neil & Fuller, of Bisbee, for \$500,000. They control the mine, which is in the Santa Rosa group, owned by the Santa Rosa group, owned by the Santa Rosa group, owned by the Santa Rosa group.

The Creston Copper company is driving a tunnel in the Creston mine, in Patagonia mountains, which is now 715 feet long, in ground well mineralized, showing a small percentage of copper.

Wingfield Takes Options.

George Wingfield, millionaire mining operator of Goldfield, Nev., has been investigating mining properties in the vicinity of Isabelle camp and has taken options aggregating \$50,000 on the Montezuma group, owned by Perry Williams, of Maricopa; the Greens group, owned by T. J. McLean, and the Santa Rosa group, owned by the Santa Rosa group, owned by the Santa Rosa group.

One of the best mining strikes of the year in Cochise county, Ariz., and the biggest in Paradise mining district, has been made on the Turkey creek mine by J. Q. Johnson and associates, of Douglas. It is a solid face of ore streaked with galena like a layer of cake. Twenty feet in which has been opened up. The width of the ore body covers the entire face of the workings. Shipments will begin at once to El Paso.

## Crusade Against the Women Smokers



Leader of Capital Society Joins in Crusade Against the Cigaret.

Washington, D. C., Dec. 12.—Cigaret smoking by women has come under the ban of censorship by wealthy and important society women in Washington. Mrs. William H. Haywood, who put herself on record several years ago when she served out grape juice at the debutante ball of her daughter, Doris, is one of the leaders in the crusade to stop smoking and drinking among Washington society women. Mrs. L. Z. Letter, who many think will take the place of the late Mrs. John B. McLean as the capital society leader, has also enlisted in the campaign. All of those who have joined in the movement are pledged to prohibit smoking or drinking by women at any of the functions held in their homes.

Upper inset, Mrs. W. H. Haywood; lower inset, Mrs. L. Z. Letter.

WEST SECTION EXTENDED IN DOUGLAS

Ignoring a petition signed by 60 residents of Douglas, praying that the city council should not extend saloon limits, limits were extended as per ordinance and the petition tabled.

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